

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	225	95/129.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 14:57
L2	12665651	rectificat\$4 or correct\$3 or adjust\$4 or improv\$4 or regulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 14:58
L3	16711	nitrogen near5 oxide near5 (remov\$3 or discharge or dismis\$4 or eliminat\$4 or extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:00
L4	16711	(nitrogen near5 oxide) near5 (remov\$3 or discharge or dismis\$4 or eliminat\$4 or extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:00
L5	7286	2 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:00
L6	7286	2 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:01
L7	44	1 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:01
L8	22465	pass near5 through near5 absorb\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:02

L9	2	7 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:02
L10	1588	(rectification or regeneration) near5 (vertical\$4 or adjacent\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:13
L11	0	1 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:13
L12	1766	(rectification or regeneration) near5 (vertical\$4 or adjacent\$4 or flat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:13
L13	329487	(rectification or regeneration or desorption)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:14
L14	96	1 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:14
L15	64	14 (nitrogen near5 oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:14
L16	35	4 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:15
L17	182	95/128.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:35
L18	102	95/900.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:35

L19	282	95/902.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:35
L20	326	95/92.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:35
L21	846	95/96.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:35
L22	754	96/108.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L23	152	96/109.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L24	157	96/18.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L25	96	96/68.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L26	114	96/179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L27	149	96/148.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:36
L28	366	96/143.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37

L29	677	96/144.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L30	135	96/145.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L31	297	96/121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L32	222	96/127.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L33	967	96/130.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L34	754	96/108.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L35	152	96/109.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:37
L36	4920	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 15:38
L37	20	36 (absorbent near5 storage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:39
L38	2146	13 36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:40

L39	7206	solid near5 absorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:40
L40	47	38 39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:41
L54	17545	"53" (nitrogen near5 oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 15:46
S1	34	US-9253452-\$.DID. OR EP-0798143-\$. DID. OR US-5051501-\$.DID. OR US- 4052802-\$.DID. OR US-5307787-\$. DID. OR US-1071078-\$.DID. OR US- 1121780-\$.DID. OR US-2002253-\$. DID. OR US-6091002-\$.DID. OR US- 8011800-\$.DID. OR US-2093097-\$. DID. OR US-3100197-\$.DID. OR US- 1126262-\$.DID. OR US-9092899-\$. DID. OR US-5114867-\$.DID. OR US- 5121276-\$.DID. OR US-7081198-\$. DID. OR US-1009957-\$.DID. OR US- 7011999-\$.DID. OR US-2001259-\$. DID. OR US-8092501-\$.DID. OR JP- 20011293452-\$.DID. OR JP- 20021537243-\$.DID. OR JP-530778714- \$.DID. OR JP-551623315-\$.DID. OR JP- 20022539266-\$.DID. OR JP- 20000150587-\$.DID. OR JP-92534528- \$.DID. OR JP-12960009-\$.DID. OR JP- 1126262910-\$.DID. OR JP-5114867511- \$.DID. OR JP-1021124712-\$.DID. OR JP-1100995713-\$.DID. OR JP- 2001259798-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/17 17:46
S2	0	"95"".""11".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 18:37
S3	100	95/11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 18:37
S4	5700	adsorbent near bed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 18:37
S5	6630	adsorbent near bed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 18:37

S6	2746	adsorbent near layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 18:38
S7	8878	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 18:38
S8	407	gas near rectification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 18:38
S9	9268	S7 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 18:38
S10	498	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:38
S11	17	S7 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:38
S12	64169	nitrogen adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:40
S13	234	S4 S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:41
S14	46	S6 S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:41
S15	37	S14 regeneration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:41
S16	3	S15 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:43
S17	1	S15 (lamine or laminated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:52
S18	0	S15 (humidifying near5 gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:54
S19	0	S15 (humidify near5 gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:54

S20	2561	(humidify near5 gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 18:54
S21	65	S12 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:02
S22	3	S21 adsorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:03
S23	5	"5755857"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 19:10
S24	104249	nitrogen near5 oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:10
S25	1	S23 S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:10
S26	3151	S6 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 19:13
S27	2	S6 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:14
S28	0	S6 "723" S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/24 19:14
S29	26	(shinohara adj yoshimi).inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/03/25 10:55
S30	197111	"4529415" regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 12:24
S31	1	"4529415" regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 12:24

S32	407528	"6106593" sulfur	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/25 14:55
S33	3	"6106593" sulfur	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 14:56
S34	1	"4529415" sulfur	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 15:38
S35	0	("4529415" or "6106593") ((akali near5 metalnear hydroxide) or sulfite or thiosulfite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 15:40
S36	0	("4529415" or "6106593") ((akali near5 metal near5 hydroxide) or sulfite or thiosulfite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 15:41
S37	0	("4529415" or "6106593")(akali near5 metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 15:41
S38	0	"4529415" (tight or tightness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:05
S39	8	"6106593" individual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:16
S40	2	"6106593" sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:46
S41	25100	nitrous near5 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:46



S42	104277	nitrogen near5 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:47
S43	194191	detection near5 sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:47
S44	1681	S42 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:47
S45	518	execut\$ near regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:48
S46	21	S44 S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:48
S47	0	humidif\$ S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 16:51
S48	10789	(nitrogen adj dioxide) or (dinitrogen adj trioxide ) or (dinitrogen adj trioxide) or (dinitrogen adj quadroxide) or (dinitrogen adj quintoxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 17:05
S49	42	"6106593" or "20020025669" or "4529415"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 17:06
S50	3	S48 S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 17:06
S51	6	S49 (pre near5 process\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 17:08

S52	0	((reduce or reduc\$) near5 substance) and ("6106593" or "20020015669")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/25 17:28
S53	2	"20020015669" regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 12:26
S54	0	"20020015669" (preprocess\$ or prepurification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 12:29
S55	1	"20020015669" sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:06
S56	1	"10598763"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:53
S57	1	"10598763" "10"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:53
S58	2	"20020015669" control	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:55
S59	4965	(nitrogen adj oxide) near5 removal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:58
S60	4570	S59 gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:58
S61	0	S60 (humidifying near5 means)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:59

S62	18	(humidifying near5 means)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 13:59
S63	100	95/11.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:00
S64	0	S63 (humidify near5 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:00
S65	2563	(humidify near5 gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:00
S66	65	S65 (nitrogen adj oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:01
S67	14	S66 adsorption	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:01
S68	13	S67 water	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:01
S69	3	S67 (water near5 tank)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:03
S70	1	S67 (water near5 storage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:04
S71	0	S67 (humidify\$ near5 integrated near5 adsorption)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/26 14:05

S72	1	"10598763" rectification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/05 09:49
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